

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION <small>(Use several sheets if necessary)</small>			Docket Number: 14095.1USC6	Application Number: NEW FILING 101727059
			Applicant: CARLSON	
			Filing Date: FILED HEREWITH	Group Art Unit: 1645

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MS	5,324,633	06/28/1994	Fodor et al.			
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	5,770,380	06/23/1998	Hamilton et al.			
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	6,261,776 B1	07/17/2001	Pirrung et al.			
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	6,331,441 B1	12/18/2001	Balch et al.			
	6,346,413 B1	02/12/2002	Fodor et al.			
▼	6,419,881 B1	07/16/2002	Weinberg et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MS		"Introducing Human Cancer OligoArray™", <i>Sigma Genosys</i> , 1 page (2002)
MS		"Various Search Reports," 109 pages (2001-2002)

EXAMINER	/Mark Shibuya/	DATE CONSIDERED	01/30/2007
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		Alluri, P. et al. "Isolation of Protein Ligands from Large Peptoid Libraries", Center for Biomedical Inventions, Department of Internal Medicine and Molecular Biology, University of Texas Southwestern Medical Center
MS		Bachhawat-Sikder, K. et al., "Mixed-Element Capture Agents: A simple Strategy for the Construction of Synthetic, High-Affinity Protein Capture Ligands", <i>J. Am. Chem. Soc.</i> , 125:9550-9551 (2003)
		Blackwell, H. et al., "Exploiting Site - Site Interactions on Solid Support to Generate Dimeric Molecules," <i>Organic Letters</i> , Vol. 3, No. 8, pp. 1185-1188 (2001)
		Bluhm, L. et al., "An Alternative Procedure to Screen Mixture Combinatorial Libraries for Selectors for Chiral Chromatography," <i>Analytical Chemistry</i> , Vol. 72, No. 21, pp. 5201-5205 (November 1, 2000)
		Borchardt, A. et al., "Synthetic Receptor Binding Elucidated with an Encoded Combinatorial Library," <i>J. Am. Chem. Soc.</i> , Vol. 116, No. 1, pp. 373-374 (1994)
		Boyce, R. et al., "Peptidosterooidal Receptors for Opioid Peptides, Sequence-Selective Binding Using a Synthetic Receptor Library," <i>J. Am. Chem. Soc.</i> , Vol. 116, No. 17, pp. 7955-7956 (1994)
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		Cheng, Y. et al., "Sequence-Selective Peptide Binding with a Peptido-A,B-trans-steroidal Receptor Selected from an Encoded Combinatorial Receptor Library," <i>J. Am. Chem. Soc.</i> , Vol. 118, No. 7, pp. 1813-1814 (1996)
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		Deng, Q. et al., "Retention and Separation of Adenosine and Analogs by Affinity Chromatography with an Aptamer Stationary Phase," <i>Anal. Chem.</i> , Vol. 73, No. 22, pp. 5415-5421 (November 15, 2001)
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		Li, S. et al., "Artificial Receptor-Facilitated Solid-Phase Microextraction of Barbiturates," <i>Anal. Chem.</i> , Vol. 71, No. 11, pp. 2146-2151 (June 1, 1999)
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MS		Maly, D. et al., "Combinatorial Target-Guided Ligand Assembly: Identification of Potent Subtype-Selective c-Src Inhibitors," <i>PNAS</i> , Vol. 97, No. 6, pp. 2419-2424 (March 14, 2000)
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MS		Opatz, T. et al., "A Selectively Deprotectable Triazacyclopahne Scaffold for the Construction of Artificial Receptors," <i>Organic Letters</i> , Vol. 3, No. 22, pp. 3499-3502 (2001)
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MS		Shinoda, S. et al., "Ester-Armed Cyclens Having Quadruplicated Helical Geometry: Remarkably Stable and Selective Encapsulation of Na ⁺ Ion," <i>J. Org. Chem.</i> , Vol. 66, No. 18, pp. 6104-6108 (2001)
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↓		Zhuravlev, N. et al., "Surface Coverages of Bonded-Phase Ligands on Silica: A Computational Study," <i>Anal. Chem.</i> , Vol. 73, No. 16, pp. 4006-4011 (August 15, 2001)
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Docket Number: 14095.1USC6	Application Number: 10/727,059
		Applicant: CARLSON	
		Filing Date: DECEMBER 2, 2003	Group Art Unit: UNKNOWN

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EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MS	5,225,374	06/06/93	Fare et al.			
	5,281,539	01/25/94	Schramm			
	6,297,059 B1	10/02/01	Song et al.			
	6,316,268 B1	11/13/01	Yang et al.			
	6,489,093 B1	12/03/02	Jacobsen et al.			
	2003/0104360 A1	06/05/03	Still et al.			
	6,627,396 B1	09/30/03	Swanson et al.			
▼	6,699,719 B2	03/02/04	Yamazaki et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

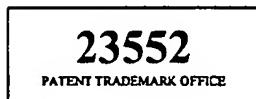
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		Burns, C. et al., "Components for Tethered Bilayer Membranes: Synthesis of Hydrophilically Substituted Phytanol Derivatives", <i>Aust. J. Chem.</i> , Vol. 54, pp. 431-438 (2001)
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MS		Leigh, D., "Summing Up Ligand Binding Interactions", <i>Chemistry & Biology</i> , Vol. 10, pp. 1143-1144 (December, 2003)
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▼		Copy of International Search Report dated May 27, 2004



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	2004/0010126 A1	01/15/2004	Lubman et al.			
▼	2004/0137526 A1	07/15/2004	Hanash et al.			
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
MS		Korbel, G. et al., "A Method for Rapidly Determining the Enantiomeric Excess of Thousands of Samples", <i>J. Am. Chem. Soc.</i> , 123:361-362 (2001)				
		Lindsay, C. et al., "Solid-Phase Biomimetic Synthesis of Carpanone-like Molecules", <i>J. Am. Chem. Soc.</i> , 122:422-423 (2000)				
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MS		Srinivasan, N. et al., "Combinatorial approaches to synthetic receptors", <i>Current Opinion in Chemical Biology</i> , 8:305-310 (2004)				
MS		Tomalia, D., "Birth of a New Macromolecular Architecture: Dendrimers as Quantized Building Blocks for Nanoscale Synthetic Organic Chemistry", <i>Aldrichimica ACTA</i> , 37(2): 39-57 (2004)				

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EXAMINER /Mark Shibuya/

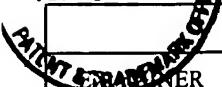
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MS	2003/0143756 A1	07/31/2003	Fisher et al.			

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						YES	NO
MS	2 319 838 A	06/03/1998	GB				
	WO 00/13016	03/09/2000	PCT			abstract	
	WO 00/79008 A2	12/28/2000	PCT				
	WO 03/012390 A2	02/13/2003	PCT				
	WO 03/031975 A1	04/17/2003	PCT				
	WO 03/033674 A2	04/24/2003	PCT				
▼	WO 03/074990 A2	09/12/2003	PCT				

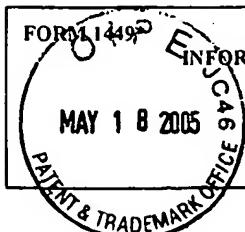
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MS		Alberti, P. et al., "DNA duplex-quadruplex exchange as the basis for a nanomolecular machine," <i>PNAS</i> , Vol. 100, No. 4, pp. 1569-1573 (February 18, 2003)
		Noji, H. et al. "Direct observation of the rotation of F ₁ -ATPase," <i>Nature</i> , Vol. 386, pp. 299-302 (March 1997)
		Yurke, B. et al., "A DNA-fuelled molecular machine made of DNA," <i>Nature</i> , Vol. 406, pp. 605-608 (August 10, 2000)
		Copy of International Search Report dated March 7, 2005
▼		Copy of International Search Report dated March 10, 2005

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EXAMINER	/Mark Shibuya/	DATE CONSIDERED	01/30/2007
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

			Docket Number:	Application Number:
			14095.1USC6	10/727,059
			Applicant: CARLSON	
			Filing Date: 12/2/2003	Group Art Unit: 1744

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
MS		Barbaro, A. et al., "CHEMFET Devices for Biomedical and Environmental Applications", <i>Advanced Materials</i> , 4(6):402-408 (1992)				
MS		Copy of International Search Report dated April 28, 2005				
MS		Copy of International Search Report dated May 3, 2005				

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Date Mailed: September 26, 2005

Sheet 1 of 1

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION <small>(Use several sheets if necessary)</small>			Docket Number: 14095.1USC6	Application Number: 10/727,059
			Applicant: CARLSON	
			Filing Date: 12/2/2003	Group Art Unit: 1639

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
MS		DeLong, S. et al., "Covalently immobilized gradients of bFGF on hydrogel scaffolds for directed cell migration", <i>Biomaterials</i> , 26:3227-3234 (2005)				
		Derdinger, S. et al., "Gradients of substrate-bound laminin orient axonal specification of neurons", <i>PNAS</i> , 99(20):12542-12547 (2002)				
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↓		Kramer, S. et al., "Preparation of Protein Gradients through the Controlled Deposition of Protein-Nanoparticle Conjugates onto Functionalized Surfaces", <i>J. Am. Chem. Soc.</i> , 126:5388-5395 (2004)				
		Copy of International Search Report dated September 8, 2005				

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EXAMINER	/Mark Shibuya/	DATE CONSIDERED	01/30/2007
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Date Mailed: 3-29-06

Sheet 1 of 1

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION <small>(Use several sheets if necessary)</small>		Docket Number: 14095.IUSC6	Application Number: 10/727,059
		Applicant: CARLSON	
		Filing Date: 12/2/2003	Group Art Unit: 1639

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MS	2002/0090728	07/11/2002	SHAIR ET AL			

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
						NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						

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EXAMINER	/Mark Shibuya/	DATE CONSIDERED	01/30/2007
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FORM 1449* O I P E INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary) <i>AUG 15 2006</i>	Docket Number:	Application Number:
	14095.IUSC6	10/727,059
	Applicant: CARLSON	
Filing Date: 12/02/2003	Group Art Unit: 1639	

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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION <small>(Use several sheets if necessary)</small>	Docket Number:	Application Number:
	14095.1USC6	10/727,059
	Applicant: CARLSON	
Filing Date: 12/02/2003	Group Art Unit: 1639	

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